

W/OSO321: FJGZ

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2. Type :

cat > testfilewith a proper AFOS ZCZC CCCNNNXXX format

ZCZC CCCNNNXXX (use an existing AFOS product)

TTAAOO DDHHMM

..... A recognizable group of text

..... such as these lines. The only

..... purpose is to easily tell whether

..... the data made the trip over

..... the line to the AFOS database

NNNN

3. At the UNIX prompt enter:

on D350s:

/awips/hydroapps/whfs/standard/bin/nl2crnl <tesfile> /dev/tty2a1 <enter>

on K series:

/awips/hydroapps/whfs/standard/bin/nl2crnl <tesfile> /dev/tty1p0 <enter>

4. Restart the AFOS comms Server as user fxa by typing:

/awips/fxa/bin/startAFOS <enter>

This procedure will transmit the test file to AFOS and save the updated version of the testfile key in the AFOS database.

B. TO CHECK TRANSMISSION FROM AFOS TO AWIPS

1. Stop the AFOS comms server by typing from AS1:

/awips/fxa/bin/stopAFOS.tclProg <enter>

2. Load the Kermit program, enter from AS1:

/usr/bin/kermit <enter>

3. At the Kermit prompt enter the following:

? on K series: **set line /dev/tty1p0 <enter>**

? on D350s: **set line /dev/tty2a1 <enter>**

Then continue with:

set speed 9600 <enter>

set mode direct <enter>

set duplex half <enter>

4. At the Kermit prompt, go to the terminal mode and enter:
c <enter>

If the communications mode is established, the **Kermit>** prompt will disappear. A message will appear with the instructions that **ctrl-**, then **c** will exit the communications mode.

5. To check one side of the line enter the following command:

At the AFOS ADM enter:

acomms:xmit X CCCNNNXXX <enter>

Where CCCNNNXXX is a product known to be currently stored and available in the local AFOS database:

If the transmit circuit is working properly, the product will display on the screen.

6. To check both sides of the circuit enter the following command

At the workstation in Kermit terminal mode enter:

ZCZC REQ CCCNNNXXX NNNN <enter>

Observe the Kermit screen for a few moments. If both sides of the circuit are working correctly, the requested product will scroll across the Kermit communications window. This verifies that the request was sent to AFOS, received, and the requested product was sent back to AWIPS.

7. Terminate the Kermit comms session by typing:

ctrl-\\ <enter>

c <enter>

8. Quit the Kermit program by typing:

quit

9. Login as user fxa and restart the AFOS comms server through the AS1 by typing:

/awips/fxa/bin/startAFOS <enter>

If there are any post-installation test problems, please report them to Franz Zichy, National Weather Service Headquarters (W/OSO321), (301) 713-1833 X128.

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